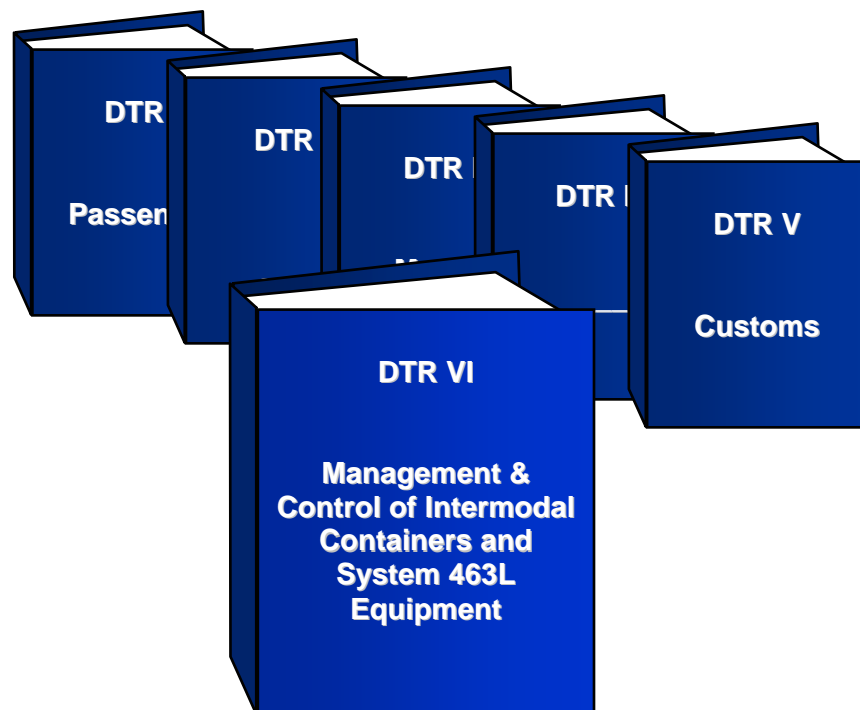




DOD 4500.9-R

DEFENSE TRANSPORTATION REGULATION PART VI

MANAGEMENT AND CONTROL OF INTERMODAL CONTAINERS AND SYSTEM 463L EQUIPMENT



June 2002

FOREWORD

This document represents changes to the Department of Defense (DOD) Regulation 4500.9-R, Defense Transportation Regulation (DTR) Part VI, Management and Control of Intermodal Containers and System 463L Equipment. It is issued under the authority of Deputy Under Secretary of Defense (Logistics) Memorandum, Defense Transportation Regulation (DTR), Parts I-VI, 4 August 1995. It implements DOD policies, responsibilities and procedures governing the management and control of intermodal containers and management of system 463L pallets and nets.

In accordance with DOD Directive 5158.4, United States Transportation Command, the Commander, United States Transportation Command (USTRANSCOM) is the DOD single manager for transportation. Strict adherence to the provisions of this regulation is essential to maintain the integrity of the DOD transportation system.

This change to DOD Regulation 4500.9-R, Part VI, applies to the Office of the Secretary of Defense, Military Departments, Chairman and Joint Chiefs of Staff, Unified Commands, and the Defense Agencies (hereafter referred to collectively as the “DOD Components”).

This change is effective immediately. To ensure uniformity, there is no provision for supplemental or unilateral modifications to this regulation and all DOD Components will distribute it for use at the operating level. The DOD Components may publish more detailed guidance if needed and will provide a copy to USTRANSCOM/TCJ5-PT. Proposed changes to this regulation for intermodal containers, 463L pallets and nets may be sent to USTRANSCOM/TCJ5-PT after staffing through DOD component traffic management channels. No changes to the DTR may be made without prior coordination with the Services and the Defense Logistics Agency.

The DOD Components may obtain copies of this regulation through their own publication channels and it is approved for public release; distribution unlimited. It is also available on the USTRANSCOM Web at http://www.transcom.mil/ustc_pubs.html then select Defense Transportation Regulation or <https://customer.transcom.mil/customerportal/docs/main.cfm> then select DTR (4500.9-R). Authorized registered users may obtain copies of this publication from the Defense Technical Information Center, 8725 John J. Kingman Road, Fort Belvoir, VA 22060. Other Federal Agencies and the public may obtain copies for a fee from the United States Department of Commerce, National Technical Information Services, 5285 Port Royal, Springfield, VA 22161.

TABLE OF CONTENTS

FOREWORD	II
APPENDIXES	V
FIGURES	VI
TABLES	VI
REFERENCES	VII
WEBSITES	IX
DEFINITIONS	X
ABBREVIATIONS AND ACRONYMS	XV
 CHAPTER 601 - POLICY	 601-1
A. PURPOSE	601-1
B. INDIVIDUAL MISSIONS, ROLES, AND RESPONSIBILITIES	601-1
 CHAPTER 602 - CONTAINER PROCEDURES	 602-1
A. MANAGEMENT AND CONTROL	602-1
B. UTILIZATION	602-1
C. PROCUREMENT AND LEASING	602-2
D. CONTAINER HANDLING	602-9
 CHAPTER 603 - CONTAINER CODING AND MARKING	 603-1
A. PURPOSE	603-1
B. RESPONSIBILITIES	603-1
C. MARKING PROCEDURES	603-2
 CHAPTER 604 - CONTAINER INSPECTION, REINSPECTION, MAINTENANCE, AND REPAIR	 604-1
A. PURPOSE	604-1
B. POLICY	604-1
C. RESPONSIBILITIES	604-2
D. PROCEDURES	604-6
E. MAINTENANCE AND REPAIR	604-8
F. MAINTENANCE EXPENDITURE LIMITS (MELS)	604-9
G. FUNDING FOR DOD COMMON-USE AND CADS CONTAINERS	604-10
 CHAPTER 605 - CONTAINER MOVEMENT REPORTING, TRACKING, AND INVENTORY REQUIREMENTS	 605-1
A. PURPOSE	605-1
B. MOVEMENT REPORTING AND TRACKING RESPONSIBILITIES	605-1
C. CMR PROCEDURES	605-1
D. CMR GUIDANCE (E-MAIL AND FAX)	605-2
E. CMR GUIDANCE (MESSAGE)	605-5
F. AMS	605-6
G. GTN	605-6
H. CONTAINER AIT REQUIREMENTS	605-7
I. INTRODUCTION OF NEW TECHNOLOGY	605-7
J. INVENTORY POLICY	605-7
K. INVENTORY PROCEDURES	605-8
L. DOD-OWNED COMMON-USE AND CADS CONTAINERS LOST, DAMAGED, RECOVERED, OR DESTROYED	605-9

CHAPTER 606 - CONTAINER FISCAL MANAGEMENT	606-1
A. PURPOSE	606-1
B. RESPONSIBILITIES	606-1
C. FISCAL POLICY	606-2
CHAPTER 607 - MOVEMENT OF INTERMODAL CONTAINERS BY AIR	607-1
A. PURPOSE	607-1
B. POLICY	607-1
C. RESPONSIBILITIES	607-1
D. PROCEDURES	607-3
E. SPECIAL REQUIREMENTS	607-4
CHAPTER 608 - SYSTEM 463L PALLETS AND NETS	608-1
A. GENERAL	608-1
B. OWNERSHIP AND FUNDING	608-5
C. PALLET AND NET TO	608-5
D. MODIFICATION OF 463L PALLETS AND NETS	608-5
E. ASSOCIATED EQUIPMENT	608-5
F. AUTHORIZED USES FOR PALLETS AND NETS	608-5
G. REPAIR LEVELS	608-6
H. ONE-FOR-ONE EXCHANGE	608-7
I. WORLDWIDE 463L PALLET AND NET CONFERENCE	608-7
J. AF SECOND DESTINATION TRANSPORTATION (SDT)	608-8
CHAPTER 609 - WRM 463L PALLETS AND NETS	609-1
A. GENERAL	609-1
B. POSITIONING OF WRM PALLETS AND NETS	609-1
C. REQUIREMENTS DETERMINATION	609-1
D. RULES FOR COMPUTING WRM REQUIREMENTS	609-2
E. NEW REQUIREMENTS	609-2
F. ACCOUNTABILITY	609-3
G. REPORTING REQUIREMENTS	609-3
H. INSPECTION REQUIREMENTS	609-3
CHAPTER 610 - OPERATIONAL 463L PALLETS AND NETS	610-1
A. GENERAL	610-1
B. POSITIONING OF PALLETS AND NETS	610-1
C. REQUIREMENTS DETERMINATION	610-1
D. REPORTING REQUIREMENTS	610-2
E. TEMPORARY AND LONG TERM LOANS	610-2
F. OPERATIONAL PALLET AND NET ACCOUNTABILITY	610-2
CHAPTER 611 - CONTINGENCY MANAGEMENT OF 463L PALLETS AND NETS	611-1
A. GENERAL	611-1
B. CONTINGENCY NOTIFICATION	611-1
C. OPERATIONAL VERSUS WRM ASSETS	611-1
D. THEATER WORKING LEVELS	611-1
E. REDISTRIBUTION OF ASSETS	611-2
F. REQUESTING PALLETS AND NETS	611-2
G. REPORTING REQUIREMENTS	611-2
H. ACCOUNTABILITY	611-2
I. RETURN OF ASSETS	611-2
J. REPAIR	611-3

K.	CONTINGENCY ASSETS RECOVERY TEAM (CART).....	611-3
----	--	-------

APPENDIXES

APPENDIX A - ISO CONTAINER INSPECTION CHECKLIST	A-1
APPENDIX B - DEPARTMENT OF DEFENSE (DOD) INTERMODAL CONTAINER STANDARDS	B-1
A. PURPOSE	B-1
B. POLICY	B-1
C. DOD STANDARDS	B-1
D. INDUSTRY STANDARDS	B-2
APPENDIX C - MOVEMENT OF HAZARDOUS MATERIALS (HAZMAT) BY AIR	C-1
A. MOVEMENT CONSIDERATIONS AND RESTRICTIONS	C-1
B. AUTHORIZED “INACCESSIBLE” HAZMAT	C-3
C. APPROVED HAZMAT	C-3
APPENDIX D - DEPARTMENT OF DEFENSE (DOD) CONTAINER SYSTEM PROGRAMS	D-1
A. PROGRAM DESCRIPTION	D-1
B. RESPONSIBILITIES	D-1
APPENDIX E - CONTAINER SHORTFALL PROCEDURES	E-1
A. GENERAL	E-1
B. ACTIONS	E-1
APPENDIX F - 463L SYSTEM PALLET AND NET CONTROL REPORT AND PREPARATION INSTRUCTIONS	F-1
A. GENERAL INFORMATION	F-1
B. DATA ELEMENTS DESCRIPTION	F-3
APPENDIX G - TYPES AND SIZES OF 463L PALLETS/NETS AND ASSOCIATED EQUIPMENT	G-1
APPENDIX H - 463L AIR CARGO PALLET AND/OR NET INSPECTION CHECKLIST	H-1
APPENDIX I - SAMPLE PALLET AND NET CONTROL LOG	I-1
APPENDIX J - ANNUAL OPERATIONAL AND WRM PALLET AND NET REQUIREMENTS REVALIDATION LETTER	J-1
APPENDIX K - SUPPLEMENT TOPICS LIST	K-1
APPENDIX L - CONTINGENCY 463L PALLET AND NET REPORT, FORMAT AND INSTRUCTIONS	L-1

FIGURES

Figure 601-1. DD Form 2282, Convention for Safe Container (CSC) Reinspection Decal	601-8
Figure 602-1. DD Form 1423, Contract Data Requirements List.....	602-3
Figure 602-2. DD Form 448, Military Interdepartmental Purchase Request.....	602-5
Figure 602-3. DD Form 1438-6, DOD Single Line Item Requisition System Document (Manual – Long Form)	602-7
Figure 603-1. Typical Door Markings (from MIL-HDBK-138B).....	603-3
Figure 603-2. Typical Horizontal Layout of ISO Identification Markings.....	603-4
Figure 603-3. Typical Vertical Layout of ISO Identification Markings	603-4
Figure 603-4. Typical Flatrack Markings	603-5
Figure 604-1. Form DD 1348, DOD Single Line Item Requisition System Document (Manual)	604-3
Figure 604-2. DD Form 1348-1A, Issue Release/Receipt Document.....	604-4
Figure 604-3. DD Form 1348-2, Issue Release/Receipt Document with Address Label	604-5
Figure 605-1. Sample Message Activity Other Than Port.....	605-2
Figure 605-2. Sample Message Port	605-3
Figure 605-3. Sample Message Overseas Port.....	605-4
Figure 608-1. DD Form 1577, Unserviceable (Condemned) Tag-Materiel.....	608-7
Figure 608-2. DD Form 1577-2, Unserviceable (Reparable) Tag-Materiel	608-8
Figure A-1. End Opening Van Container Inspection Checklist.....	A-1
Figure A-2. Side Opening Van Container Inspection Checklist	A-3
Figure A-3. Open Top Container Inspection Checklist	A-5
Figure A-4. Flatrack Container Inspection Checklist	A-7
Figure A-5. ISO Tactical Shelter Inspection Checklist.....	A-9
Figure A-6. ISO Mobile Facilities Inspection Checklist.....	A-11
Figure C-1. Shipper's Declaration for Dangerous Goods.....	C-2

TABLES

Table 603-1. Examples of ISO Number Composition.....	603-2
Table 603-2. ISO Ownership Codes Assigned to DOD Components and Associated Component Manager	603-5
Table 604-1. Color Scheme and Dates for CSC Decals.....	604-6
Table 605-1. Format for CMR (RCS MTMC-179)	605-5
Table 605-2. Evaluation Criteria.....	605-6
Table 605-3. ISO Container Register Information.....	605-8
Table 607-1. Maximum Gross Container Weights*	607-2
Table 607-2. Assumptions Used in Development of Table 607-1	607-3
Table 611-1. CART Structure	611-3
Table F-1. 463L System Pallet and Net Control Report	F-2
Table F-2. Other Loss Code.....	F-4
Table J-1. Operational and War Reserve Material (WRM) 463L Pallet and Net Requirements for FY.....	J-2
Table L-1. Contingency 463L Pallet and Net Report Format.....	L-1

REFERENCES

(Each applies to the current edition, unless otherwise specified. Due to numerous reorganization efforts, the guidance in some of the references may have been or will be reissued in other publications. It may be necessary to consult a functional area expert to determine the most recent guidance).

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United States Code, 18 U.S.C. 1001, Statements or Entries Generally.

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Air Force Interservice Manual 24-204(I), Technical Manual 38-250, Marine Corps Order P4030.19H, Naval Supply Pub 505, and Defense Logistics Agency Instruction 4145.3, Preparing Hazardous Materials for Military Air Shipments: <http://www.afmc-pub.wpafb.af.mil/Hazmat/>

Asset Management System: <http://www.mtmc.army.mil/frontDoor/0,1865,OID=2--15-325--2651,00.html>

Defense Transportation Regulation VI: http://www.transcom.mil/ustc_pubs.html then select Defense Transportation Regulation or <https://customer.transcom.mil/customerportal/docs/main.cfm> then select DTR (4500.9-R)

Department of Defense Container Inventory System: <https://eta.sddc.army.mil/> then select Freight/Cargo and DOD Container Inventory (DODI)

Department of Defense Standard Family of Tactical Shelters (Rigid/Soft/Hybrid): <http://www.sbcom.army.mil/hooah/pubs/jocotas.pdf>

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Military Handbook-138B, Guide to Container Inspection for Commercial and Military Intermodal: <https://www3.dac.army.mil/DET/hdbk138/138B.pdf>

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DEFINITIONS

The following word/phrase definitions are provided for use in conjunction with this Regulation, Part VI.

463L System. Aircraft pallets and nets, tie down, and coupling devices, facilities, handling equipment, procedures, and other components designed to interface with military and civilian aircraft cargo restraint systems. Though designed for airlift, system components may have to move intermodally via surface to support geographic combatant commander objectives.

American National Standards Institute. The United States standards organization that establishes procedures for the development and coordination of voluntary American national standards.

Approval Authority. A representative (person or organization) of the Commandant, United States Coast Guard, authorized to approve containers within terms of the International Conference for Safe Containers.

Approved Continuous Examination Program. An agreement between the owners of the equipment and the responsible governmental body to allow continuous examination of the equipment, e.g. containers. United States Coast Guard approval required.

Breakbulk Ship. A ship with conventional holds for stowage of breakbulk cargo, below or above deck, and equipped with cargo-handling gear. Ships also may be capable of carrying a limited number of containers, above or below deck.

Common-Use. Services, material, or facilities provided by a Department of Defense (DOD) agency or a Military Department on a common basis for two or more DOD agencies, elements, or other organizations as directed.

Common-Use Container. Any Department of Defense (DOD)-owned, -leased or -controlled 20- or 40-foot International Organization for Standardization container managed by the United States Transportation Command as an element of the DOD common-use container system.

Common-User Land Transportation. A program managed by a designated single manager for all Department of Defense (DOD) motor carrier cargo movements in a theater, specific country, or geographic region. The Theater Commander usually designates the predominate DOD Component as the Common-User Land Transportation manager.

Common-User Military Land Transportation. Point-to-point land transportation service operated by a single Service for common-use by two or more Services.

Component-Owned Container. A 20- or 40-foot International Organization for Standardization container procured and owned by a single Department of Defense (DOD) component. May be either on an individual unit property book or contained within a component pool, e.g., United States Marine Corps maritime pre-positioning force containers. May be temporarily assigned to the DOD common-use container system. Also called a Service-unique container.

Container. An article of transport equipment that meets American National Standards Institute/International Organization for Standardization standards that is designed to be transported by various modes of transportation. These containers are also designed to facilitate and optimize the carriage of goods by one or more modes of transportation without intermediate handling of the contents and equipped with features permitting ready handling and transfer from one mode to another. Containers may

be fully enclosed with one or more doors, open top, refrigerated, tank, open rack, gondola, flatrack, and other designs.

Container Control Officer. A designated official (E-6 or above or civilian equivalent) within a command, installation, or activity who is responsible for control, reporting, use, and maintenance of all Department of Defense -owned and -controlled intermodal containers and equipment. This officer has custodial responsibility for containers from time received until dispatched.

Container-Handling Equipment. Items of materials-handling equipment required to specifically receive, maneuver, and dispatch International Organization for Standardization containers.

Containerization. The use of containers to unitize cargo for transportation, supply, and storage. Containerization incorporates supply, transportation, packaging, storage, and security together with visibility of container and its contents into a distribution system from source to user.

Containership. A ship specially constructed and equipped to carry only containers without associated equipment, in all available cargo spaces, either below or above deck. Containerships are usually non-self sustaining, do not have built-in capability to load or off-load containers, and require port crane service. A containership with shipboard-installed cranes capable of loading and offloading containers without assistance of port crane service is considered self-sustaining.

Defense Transportation System. That portion of the Nation's transportation infrastructure that supports Department of Defense (DOD) common-user transportation needs across the range of military operations. It consists of those common-user military and commercial assets, services, and systems organic to, contracted for, or controlled by the DOD.

Department of Defense Container System. All Department of Defense (DOD)-owned, leased, and controlled 20- or 40-foot intermodal International Organization for Standardization containers and flatracks, supporting equipment such as generator sets and chassis, container handling equipment, information systems, and other infrastructure that supports DOD transportation and logistics operations, including commercially provided transportation services. This also includes 463L pallets, nets, and tie down equipment as integral components of the DOD Intermodal Container System. Size and configuration of the common-use portion of the DOD container system controlled by the United States Transportation Command (USTRANSCOM), will be determined by USTRANSCOM based on established requirements and availability of commercially owned containers and equipment. USTRANSCOM will lease or procure additional containers as required to augment the DOD container system.

Department of Defense-Owned Common-Use Container. Any Department of Defense (DOD)-owned, -leased or -controlled 20- or 40-foot International Organization for Standardization container managed by the United States Transportation Command as an element of the DOD common-use container system which includes Containerized Ammunition Distribution System containers.

Department of Defense Container Inventory System. A "module" of the Asset Management System (AMS), the Department of Defense Container Inventory System is a true internet-based application, requiring only a commercial internet browser to operate. It is an Active Server Page developed using Microsoft Front Page, and operating against an Oracle database. AMS facilitates the Military Surface Deployment and Distribution Command maintaining the International Organization for Standardization intermodal container registry for the Department of Defense.

Destination. The place where a container movement ceases. The destination may be the ending point of a deployment where the ultimate user or consumer of container contents, a retail supply point, or a consolidation and distribution point.

Flatrack. Portable, open-topped, open-sided, units that fit into existing below-deck container cell guides and provide a capability for container ships to carry oversized cargo and wheeled and tracked vehicles.

Gross Weight. Weight of a container or pallet including freight and binding.

Infrastructure. All building and permanent installations necessary for the support, redeployment, and military forces operations, e.g., barracks, headquarters, airfields, communications, facilities, stores, port installations, and maintenance stations.

Institute of International Container Lessors. A technical committee consisting of container owners, operators, and manufacturers who prepare the Repair Manual for Steel Freight Containers.

Intermodal. Type of international freight system that permits transshipping among sea, highway, rail, and air modes of transportation through use of American National Standards Institute/International Organization for Standardization containers, linehaul assets, and handling equipment.

Intermodal Container. See Container.

Intermodal Support Equipment. Fixed and deployable assets required to assist container operations throughout the intermodal container system. Included are straddle cranes, chassis, rough terrain container handlers, container cranes, and spreader bars.

Intermodal Systems. Specialized transportation facilities, assets, and handling procedures designed to create a seamless, transportation system by combining multimodal operations and facilities during the shipment of cargo.

International Convention for Safe Containers. A convention held in Geneva, Switzerland, on 2 December 1972, which resulted in setting standard safety requirements for containers moving in international transport. These requirements were ratified by the United States on 3 January 1978.

International Maritime Dangerous Goods Code. The International Maritime Dangerous Goods Code (IMDGC) regulates transport of hazardous materials by sea to prevent injury to persons, or damage to ships. The IMDGC lays down basic principles intended to prevent the negligent or accidental release of marine pollutants carried by sea. It contains detailed recommendations for individual substances and a number of recommendations for good practice are included in the classes dealing with such substances. Although the information contained in the IMDGC is primarily directed at mariners, the provisions may affect industries and services from the manufacturer to the consumer.

International Organization for Standardization. A worldwide federation of national standards bodies from some 100 countries, one from each country. The International Organization for Standardization (ISO) is a non-governmental organization, established to promote the development of standardization and related activities in the world with a view to facilitating the international exchange of goods and services, and to developing cooperation in the spheres of intellectual, scientific, technological, and economic activity. ISO's work results in international agreements, which are published as international standards.

Joint Logistics Over-the-Shore Operations. Operations in which Navy and Army Logistics Over-The-Shore (LOTS) forces conduct LOTS operations together under a joint force commander.

Logistics-Over-the-Shore Operations. The loading and unloading of ships without the benefit of deep draft-capable, fixed port facilities, in friendly or nondefended territory, and, in time of war, during phases of theater development in which there is no opposition by the enemy; or as a means of moving forces closer to tactical assembly areas dependent on threat force capabilities.

Long Ton. 2,240 pounds.

Materials Handling Equipment. Mechanical devices for handling of supplies with greater ease and economy.

Measurement Ton. The unit of volumetric measurement of equipment associated with surface-delivered cargo. Measurement tons equal total cubic feet divided by 40. (One measurement ton = 40 cubic feet).

Military Performance Specification Container. A container that meets specific written standards.

Military Sealift Command. A major command of the United States (US) Navy and the US Transportation Command's component command responsible for designated common-user sealift transportation services to deploy, employ, sustain, and redeploy US forces on a global basis.

Military Surface Deployment and Distribution Command. A major command of the United States (US) Army and the US Transportation Command's component command responsible for designated continental US land transportation as well as common-user water terminal and traffic management service to deploy, employ, sustain, and redeploy US forces on a global basis.

Military Van. Military-owned, demountable container, conforming to United States and international standards, operated in a centrally controlled fleet for movement of military cargo.

Non Self-Sustaining Containership. A containership that does not have a built-in capability to load or offload containers, and requires a port crane or craneship service.

Origin. Beginning point of a deployment where unit or non-unit-related cargo or personnel are located.

Palletized Load System. A truck with hydraulic load handling mechanism, trailer and flatrack system capable of self-loading and -unloading. Truck and companion trailer each have a 16.5-ton payload capacity.

Palletized Load System Flatrack. Topless, sideless container component of palletized load system, some of which conform to International Organization for Standardization specifications.

Sealift Enhancement Program. Special equipment and modifications that adapt merchant-type dry cargo ships and tankers to specific military missions. They are typically installed on Ready Reserve Fleet ships or ships under the Military Sealift Command control. Sealift enhancements fall into three categories: productivity, survivability, and operational enhancements.

Self-Sustaining Containership. A containership with shipboard-installed cranes capable of loading and offloading containers without assistance of port crane service.

Service-Unique Container. Any 20- or 40-foot International Organization for Standardization container procured or leased by a Service to meet Service-unique requirements.

Shelter. An International Organization for Standardization container outfitted with live- or work-in capability.

Short Ton. 2,000 pounds.

Single Manager. A Military Department or Agency designated by the Secretary of Defense to be responsible for management of specified commodities or common Service activities on a Department of Defense-wide basis.

Stuffing. Packing of cargo into a container.

Tare Weight. The weight of a container deducted from gross weight to obtain net weight or the weight of an empty container.

Theater-Assigned Transportation Assets. Transportation assets that are assigned under the combatant command (command authority) of a geographic combatant commander.

Transportation Component Command. The three component commands of United States Transportation Command: Air Force Air Mobility Command, Navy Military Sealift Command, and Army Military Surface Deployment and Distribution Command. Each transportation component command remains a major command of its parent Service and continues to organize, train, and equip its forces as specified by law. Each transportation component command also continues to perform Service-unique missions.

United States Transportation Command. The unified command with the mission to provide strategic air, land, and sea transportation for the Department of Defense, across the range of military operations.

Unstuffing. The removal of cargo from a container.

ABBREVIATIONS AND ACRONYMS

ADUSD(TP)	Assistant Deputy Under Secretary of Defense, Transportation Policy
AF	Air Force
AFMAN	Air Force Interservice Manual
AFMC	Air Force Materiel Command
AFRC	Air Force Reserve Command
AIT	Automated Identification Technology
AMC	Air Mobility Command
AMS	Asset Management System
ANG	Air National Guard
ANSI	American National Standards Institute
AOR	Area of Responsibility
APOE	Aerial Port of Embarkation
AR	Army Regulation
BL	Bill of Lading
C2	Command and Control
CADS	Containerized Ammunition Distribution System
CART	Contingency Assets Recovery Team
CAT	Crisis Action Team
CCO	Container Control Officer
CCP	Consolidation and Containerization Point
CDR	Combatant Commander, Commander
CFR	Code of Federal Regulations
CHE	Container Handling Equipment
CINC	Commander in Chief
CJCS	Chairman of the Joint Chiefs of Staff
CMR	Container Movement Report
COCOM	Combatant Command
CONUS	Continental United States
CRAF	Civil Reserve Air Fleet
CSC	International Convention for Safe Containers
DLA	Defense Logistics Agency
DLAI	Defense Logistics Agency Instruction
DOD	Department of Defense
DODAAC	Department of Defense Activity Account Code
DODI	DOD Container Inventory System
DOT	Department of Transportation
DRMO	Defense Reutilization and Marketing Office
DSCP	Defense Supply Center Philadelphia
DTR	Defense Transportation Regulation
DTS	Defense Transportation System
E-MAIL	Electronic Mail
FAX	Facsimile
FOB	Free on Board

GTN	Global Transportation Network
HAZMAT	Hazardous Material
HQ	Headquarters
IAW	In Accordance With
IICL	Institute of International Container Lessors
IM	Inventory Manager
IMDGC	International Maritime Dangerous Goods Code
ISO	International Organization for Standardization
ITV	In-transit Visibility
JLOTS	Joint Logistics Over-the-Shore
JMC	Joint Munitions Command
LMF	Language Media Format
MACOM	Major Command-Army
MAJCOM	Major Command-Air Force
MARAD	Maritime Administration
MCO	Marine Corps Order
MEL	Maintenance Expenditure Limit(s)
MHE	Materiel Handling Equipment
MIL-HDBK	Military Handbook
MILSPEC	Military Specification
MILVAN	Military Van (Container)
MIPR	Military Interdepartmental Purchase Request
MSC	Military Sealift Command
MST	Mission Support Team
NAVSUP	Naval Supply
OPLAN	Operations Plan
OSC	Operations Support Command
OSD	Office of Secretary of Defense
PBO	Property Book Office
PLS	Palletized Load System
POC	Point of Contact
RFID	Radio Frequency Identification Tag
RFP	Request for Proposal
SAAM	Special Assignment Airlift Mission
SAP	Security Assistance Program
SDDC	Military Surface Deployment and Distribution Command
SDT	Second Destination Transportation
SPTD	Supported
SPDG	Supporting
SPM	System Program Manager

SPOD	Seaport of Debarkation
SPOE	Seaport of Embarkation
TALCE	Tanker Airlift Control Element
TCN	Transportation Control Number
TM	Technical Manual
TO	Technical Order
TPFDD	Time Phased Force Deployment Data
TWCF	Transportation Working Capital Fund
U.S.C.	United States Code
US	United States
USTRANSCOM	United States Transportation Command
WR-ALC	Warner Robins Air Logistics Center
WRM	War Reserve Material
WWW	Worldwide Web